Walter Deane,
29 Brewster St.
Cambridge, Mass.

My first botanical notes -
-1882-

Bound March, 1925.

W. Kleane -
Apl. 1882.

Botanical Notes -

1882.

Apr. 7th. Southboro - Mass.
I got several specimens of the Symplocarpus foetidus in the hollow back of Mr Bigelow's, which I shall press for the Botanical Gardens —

Apr. 8th Southboro - Mass.
This morning I drove over to Cedar Swamp in Westboro with Rodie Lanabee & George Wales - I saw for the first time a swamp of the Cupressus thyoides. The trees seemed to average from 50 to 60 feet in height. I noticed the fibrous & reddish bark and on cutting in to the wood I found it very white -

George climbed to the top of a high tree (Cupressus) and cut off about 5 feet of the top from which I have taken specimens to press. Last years cones were abundant on the branches. The Kalmia latifolia grows in the swamps in abundance and I have put some of the branches with last years leaves to press. I also found the Mitchella repens with the ripe berries some of which I put to press. This P.M. I succeeded after working for over an hour with spade and trowel and hands in digging up a Lycopodium Dacticus entire. The root stock was about 6 in. long and somewhat over an inch thick and the countless coarse fibrous roots from about 6 to 12 & 15 in long. I particularly noticed that the roots near the base of the scape were the youngest and most active, while those at the other end were actually dead. The root stock is ever dying and decaying at one end and advancing at the other (Gray Lessons in Botany - Page 42).

Apr. 9th Southboro - Mass.

I found the Equisetum arvense in a wet sandy ditch by the railway track near the Station. It was only about 2 inches out of the water. This P.M. I found

the Hamamelis Virginica on the roadside near George Works's house with last year's pods upon it - It is the first I have seen in Southboro. I also gathered some branches of the Juniperus Virginiana in fruit.

Southboro

(1) - Juniperus Virginiana - The specimens in press are all from the same tree which was growing on a dry hillside between Southboro & Cordaville.

Apr. 10th — Southboro - A light fall of snow last night. Still keep mittens back. This P.M. I gathered ÷

(2) & (3) - Staminate catkins

See note on Aug 1st

of the Populus (grandidentata or tremuloides) from two trees 12 to 15 ft. high growing in sandy ground near the track at the foot of Chestnut Hill.

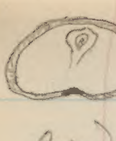
(4) Young fruit of Hamamelis Virginica from a shrub near the top of Chestnut Hill.

Apr. 11th — Southboro - This morning I took a walk with Rollie and we found the Symplocarpus thicker than I ever saw it - I got two specimens which were remarkably large which I am pressing. ——

Apr. 12th — Southboro.

I took down to Dr. Gray this morning a box of young seedlings of the Symplocarpus. I did not succeed, while gathering them yesterday, in finding any of this year's sprouts. They were all one, two or three years old yet the seed was firmly attached to the root-stock. Dr. Gray told me that the seed could remain on for that length of time.

None of the seeds had more than one plumule, though they sometimes have two or three. I examined a cross section of a seed and found it thus —



It is exalbuminous and the main part consists of a fleshy, corm like cotyledon and radicle, with the plumule opposite the hilum. The structure is curious and worth careful study.

Apr. 13th — Southboro.

This morning I went down on the Cordaville Road opposite the cemetery, and dug up with a trowel 5 plants of the Symplocarpus. Three of them I have expressed to Dr. Gray with some sections of root-stock. I cut up one specimen and saw the flower growing in the axil of one of the sheathes or modified leaves

Vide June 6th.

which surrounds the flower and leaf stalks. I cut some sections of root stock, and also unrolled some of the convolute leaves which are of a very delicate yellow and I shall press them and try to keep their color. This P.M. I went down to the swamps just beyond the cemetery and dug up 60 sprouting seeds of the Symplocarpus, not one of which had more than one plumule, so I imagine they are not easy to find. I am pressing a number of the young shoots and some sections of the seed. I shall also keep

some whole seeds. I have put in press some Corylus Americana with male and female flowers which I picked on the cross road between the Bucks and the Marlboro Road.

Apr. 14th — Southboro.

This morning I visited my Equisetum but it is not far enough advanced to gather. I picked some Juniper communis at the foot of Chestnut Hill. The ♂ & ♀ of the Alnus are out and the ♂ catkins of Comptonia asplenifolia are developing. I also saw on a sunny bank some Chelidonium majus quite well advanced. A few warm days will change the face

of nature wonderfully.
(59) Juniperus communis
Foot of Chestnut Hill.

This A.M. I found a Smilax rotundifolia L. high climbing, the first time I have seen the plant.

Apr. 15th —— Southboro.
This A.M. took a long walk of about 7 miles. While on my way through a long lane leading from the Southville road, a little below where Hixon's lane runs into it, to Westboro, I found some more Smilax rotundifolia (Greenbrier) just before I got to

the granite post dividing Southboro from Westboro, on the left of the road.

Apr. 21st Cambridge.
This P.M. while walking through Cambridge Common, I saw the Capsella Bursa-Pastoris (Shepherd's Purse) growing by the trees.

Cambridge
Apr. 22nd The white & red maples and the elms are now well in flower though the cold weather still holds everything back. I find from the flowering of the elm just on the right of the entrance to Mr. McKenzie's church, and the one in the corner of the Catholic Church grounds, corner

of Concord Ave and the back entrance to Father's, that they are the Ulmus campestris (English Elm).

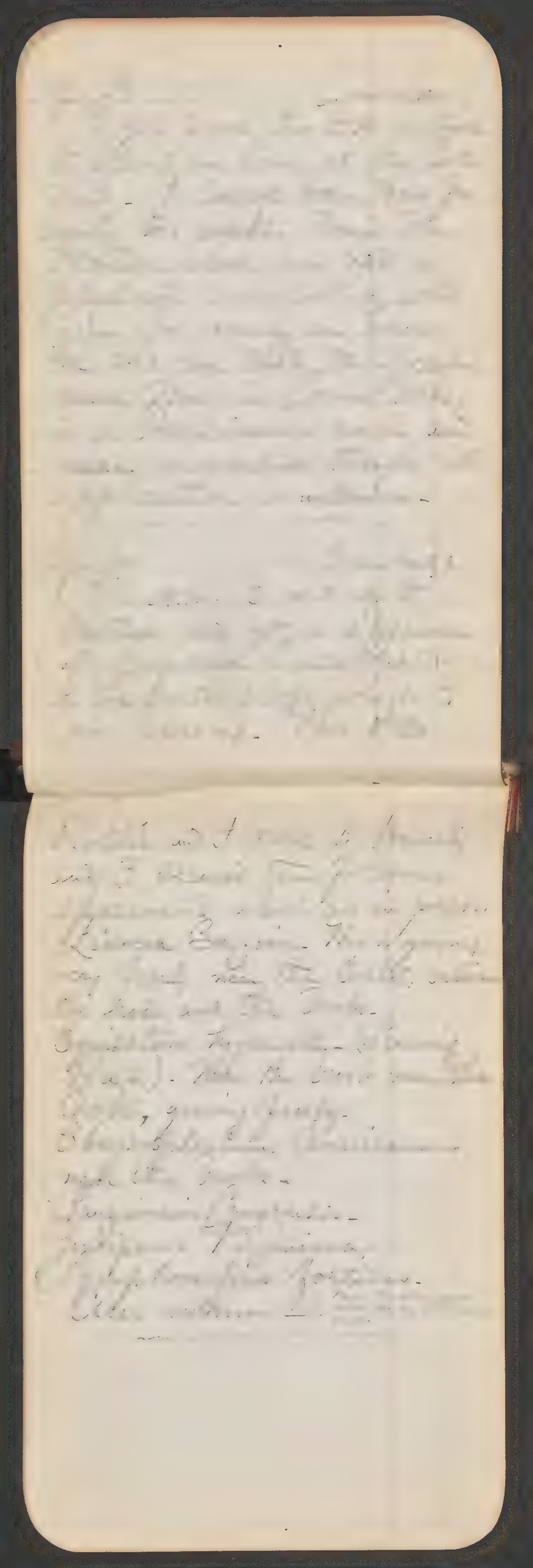
Cambridge.

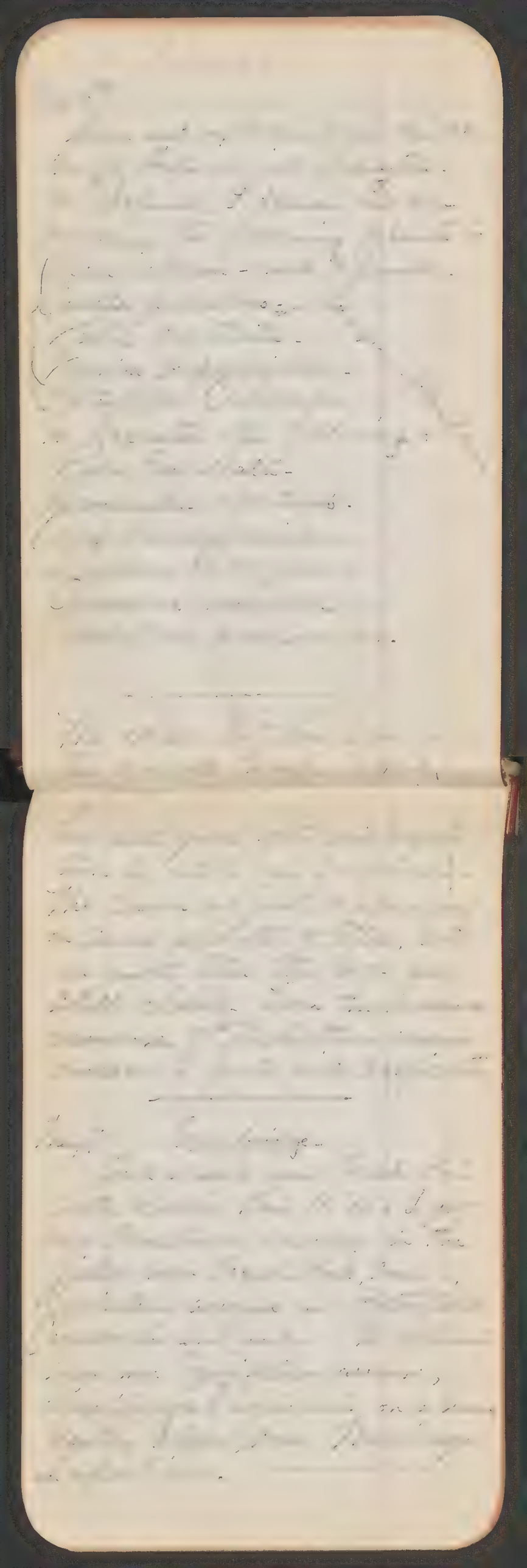
Apr. 23. My birthday. Margie gave me a lovely pocket-magnifying glass with a tortoise-shell case. We spent to-day at my cousin Rob Lord's, Newton. The P.M. we took a long drive through Newtonville, Newton Upper Falls, Needham & West Newton. In Newtonville I dug up some Sanguinaria Canadensis. At Needham I dug up a number of the Hepatica triloba, the first time I have ever seen them growing.

They were on a rather dry hillside, the flowers were peeping up through the dry leaves which covered the ground. This A.M. I cut some specimens of the Acer rubrum & Ulmus Americana in flower, in Newton near Rob's house. All these specimens I am pressing.
I shall go to Rob's when the leaves are out to verify the Acer & Ulmus.

Cambridge.

Apr. 27. A snow-storm still reminds one of winter. The buds are struggling to unfold themselves, but make [illegible] work of it. Nature seems to be yawning after her long sleep and trying hard to wake up.





May 12.

Virginia

aveuse.

Ranunculus bulbosus.

June 10th Cambridge -

This P.M. I drove up to Grandchester with Mary and collected the following specimens worth [illegible] -

Erigeron Philadelphicum -
Senecio Fuscatus -
Potentilla Pedata -
Lathyrus Maritimus var simplex.
Viola Pedunculata -
Symphoricarpus Racemosus -
Lupinus Perennis -
Lupinus Polyphyllus -
Lithospermum Canescens -
Lithospermum Arvense -
Geum Strictum -
Geum Album -
Potentilla Arguta -

I found it
Pentstemon Digitalis

in fruit in great quantities -
I expect I shall find some
and shall try to make it flower.

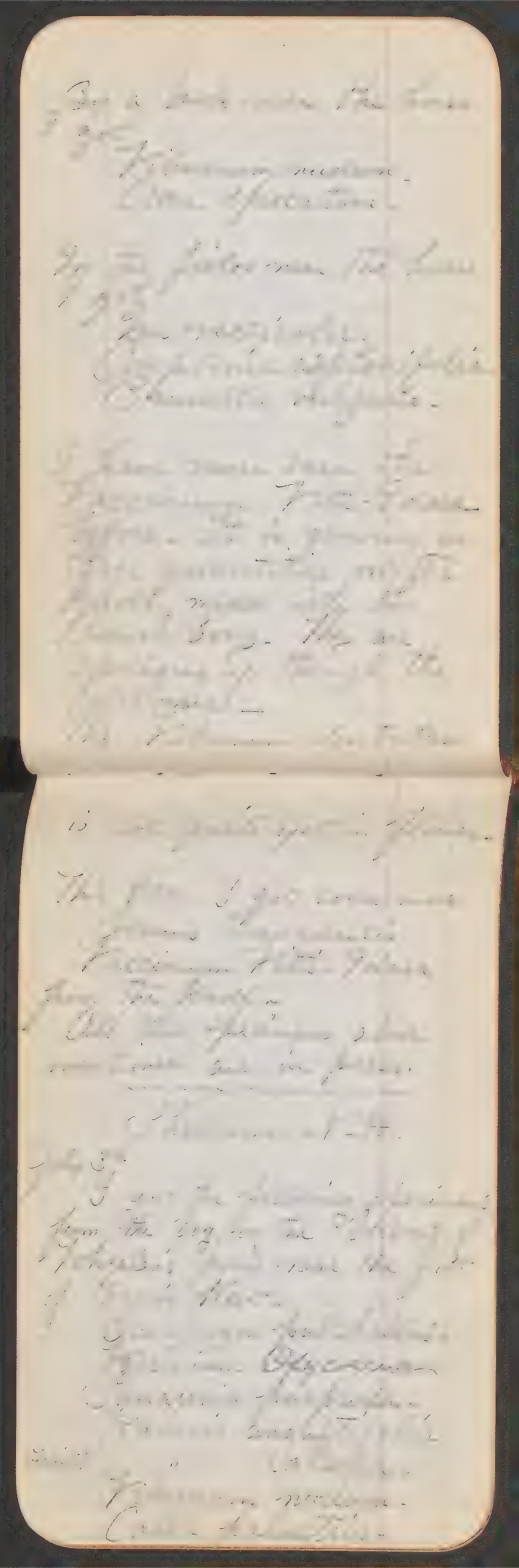
June 11th Cambridge -

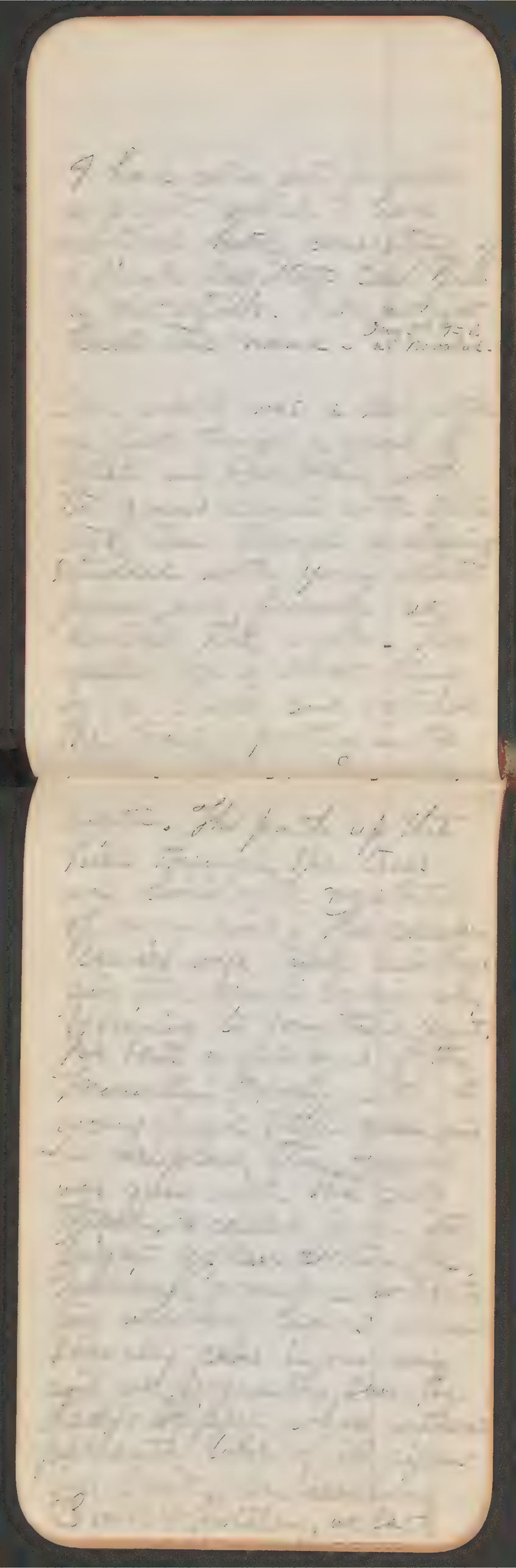
This P.M. I drove with
Mother to Grandchester it was
a most beautiful afternoon
and the vegetation was
rich. I found the following
specimens which I have
sent to press
Barbarea vulgaris -
Fragaria vesca -
Erigeron Philadelphicum -
The latter in Mistletoe near the
Sycamores on Grandchester Road
Anemone Pulsatilla - Wales
Geranium maculatum

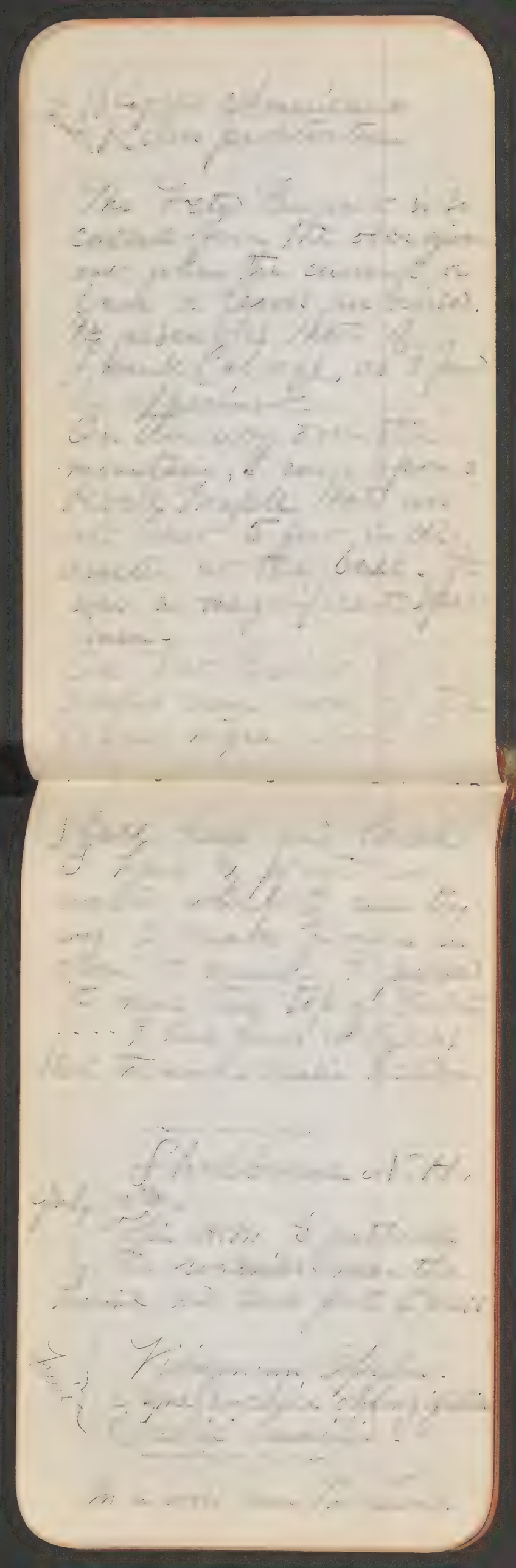
I brought home another

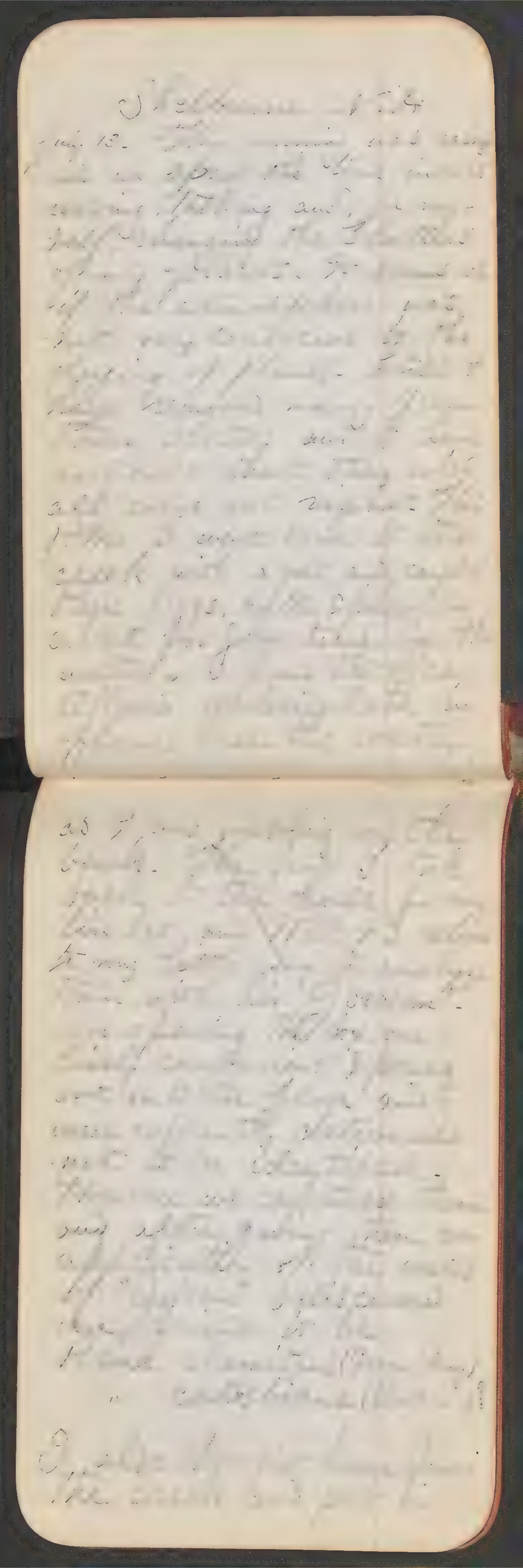
Anemone Virginiana
in bud which I put with
the other in paper.
I also brought home 3 fine
specimens of
Cynoglossum amabile
Mr. Minot says this
has set out near the front
door.
Mr. Ennis I also have
specimens of
Rumex acetosa
in the botanical book you
lent me to learn and the
leaves. I shall press them.

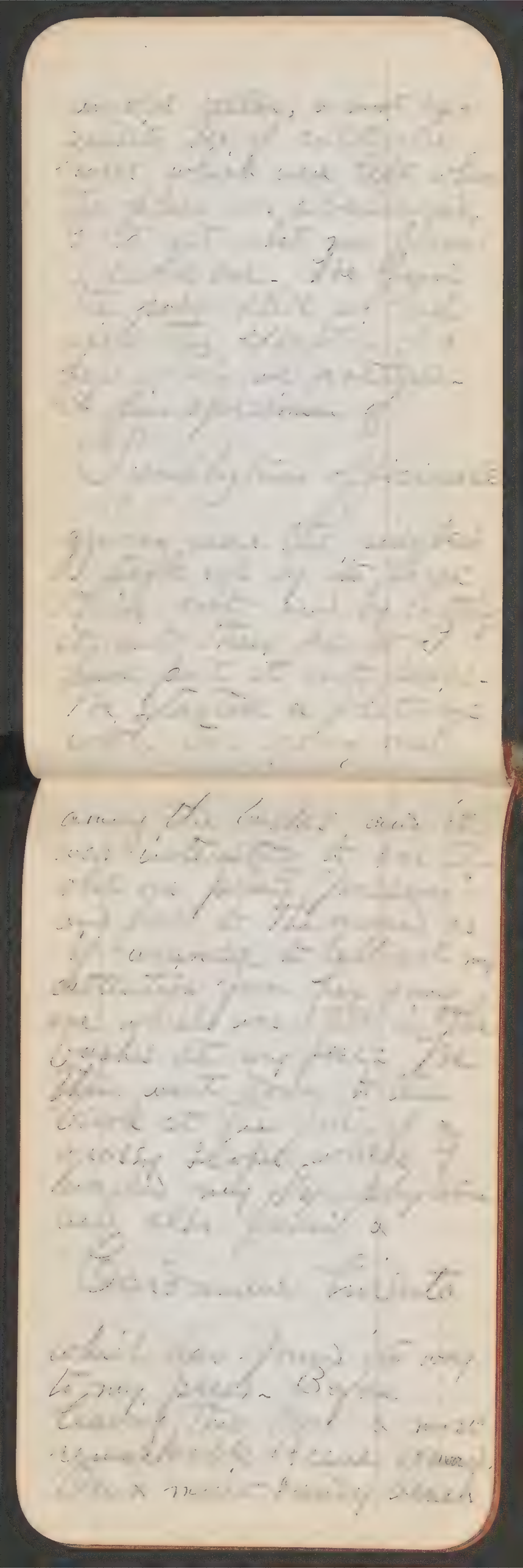
purpurascens - ferum.

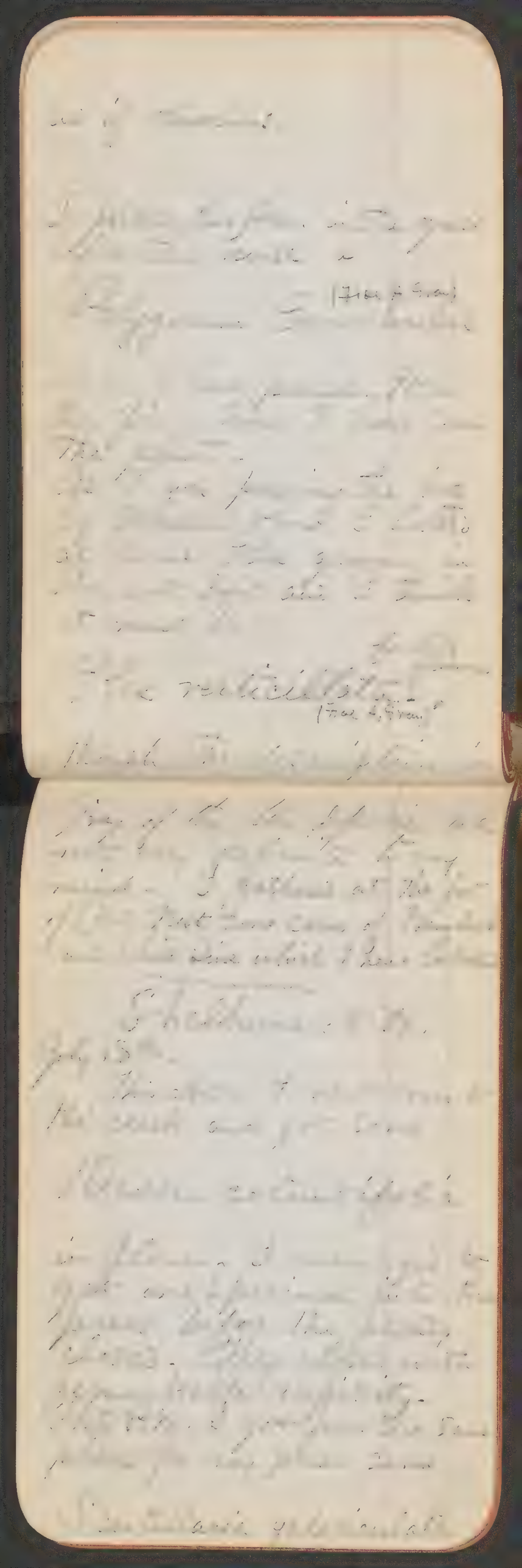












until we neared the sum-
mit, the sky was delight-
fully clear. The wind was
[illegible] and fresh and our
spirits rose accordingly.
Stunted paper birches [illegible]
& [illegible] spruce were all
we found here in the [illegible]
[illegible] [illegible] alpine
plants began to appear
[illegible] [illegible] which
attain a large [illegible] -
[illegible] at-
this high elevation,
Conspicuous were my dis-
coveries on high [illegible]
the Arenaria Groenland-
ica, the Salix Cutleri,
a willow, [illegible],
an inch or two in height
[illegible]
and the Ledum latifolium,
brightening with its deli-
cate [illegible] [illegible]
flowers. The [illegible]
[illegible] [illegible] the
[illegible] beaten rocks,
the [illegible] [illegible] of [illegible]
and the [illegible], [illegible]
moon. Within half a mile
of the top we entered
clouds and we were glad
enough at 3:00 P.M. to
reach the [illegible] [illegible].
On the way I gathered and
transferred to my press ÷
[illegible] the base.
Salix

Between halfway & summit,

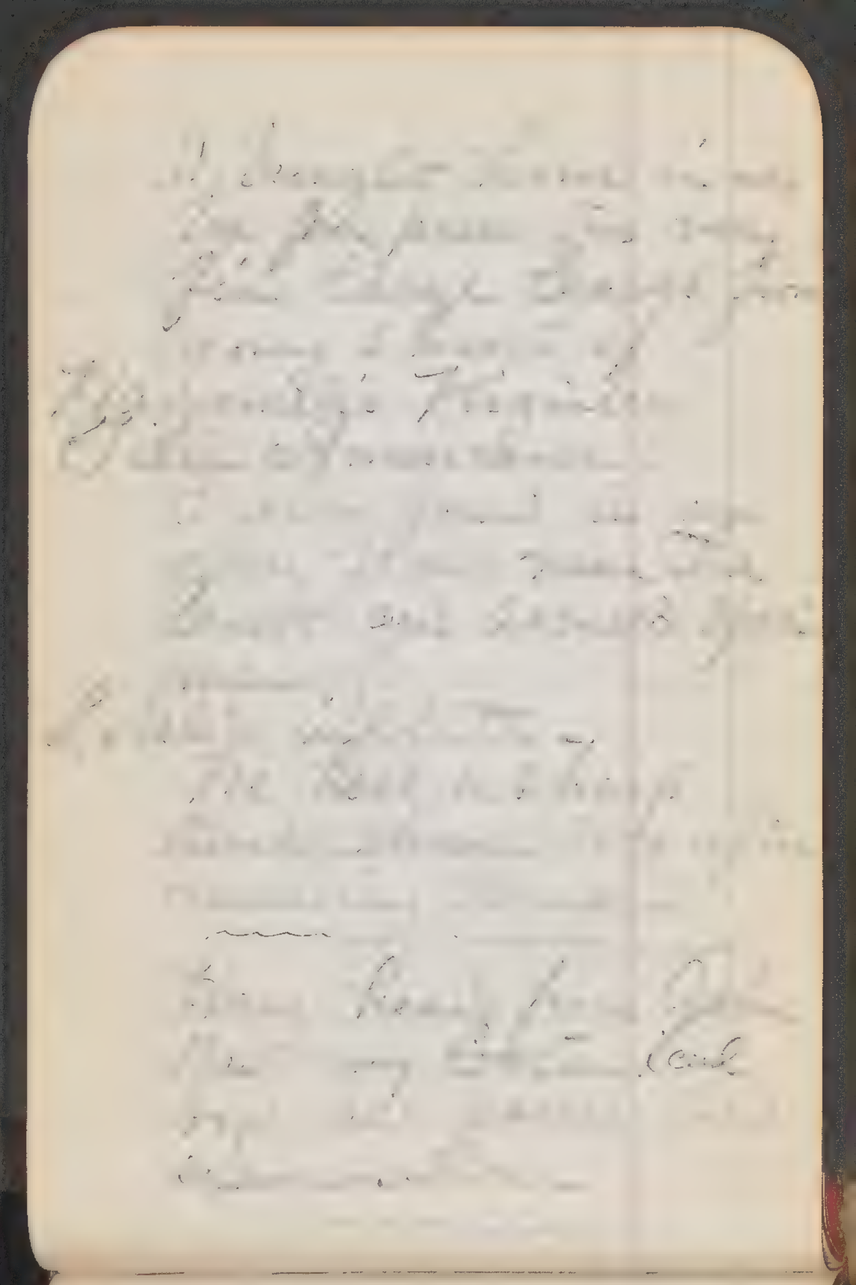
Salix Cutleri
[illegible] [illegible]

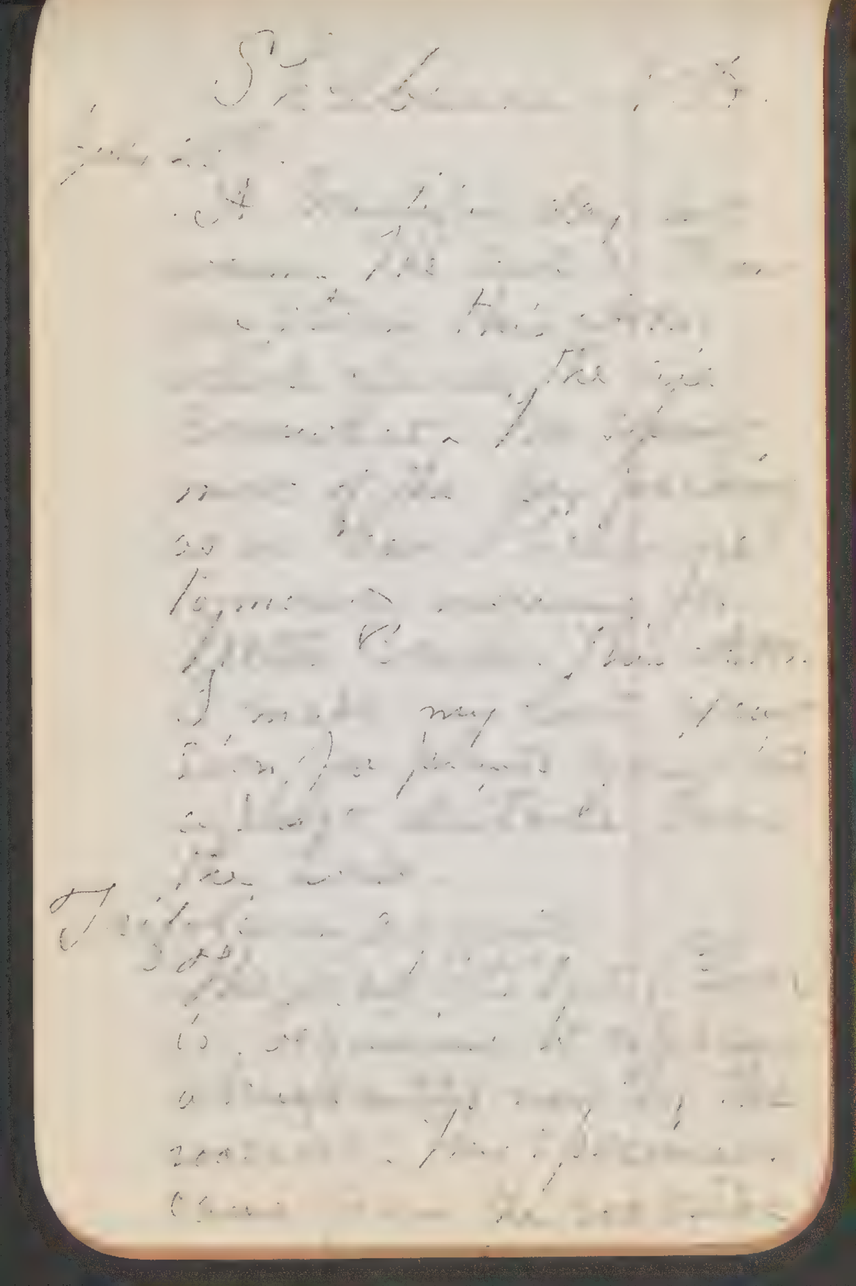
Arenaria Groenlandica
Ledum Latifolium

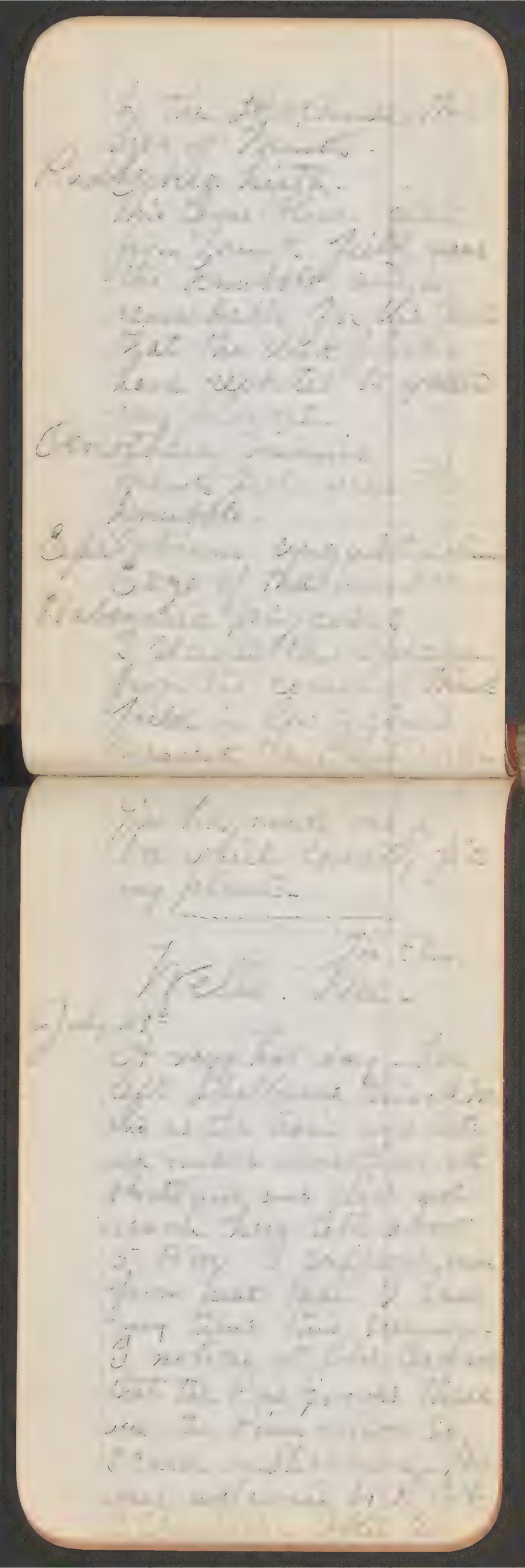
papyracea, var minor
Thos Bush

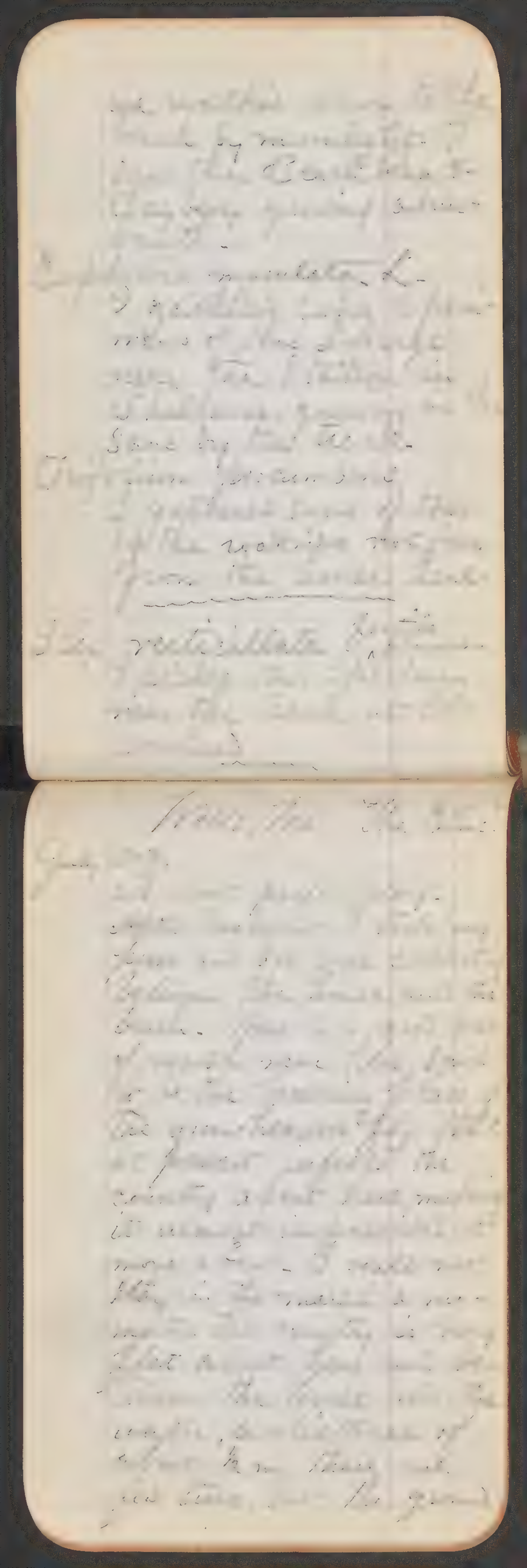
papyracea, var. minor.

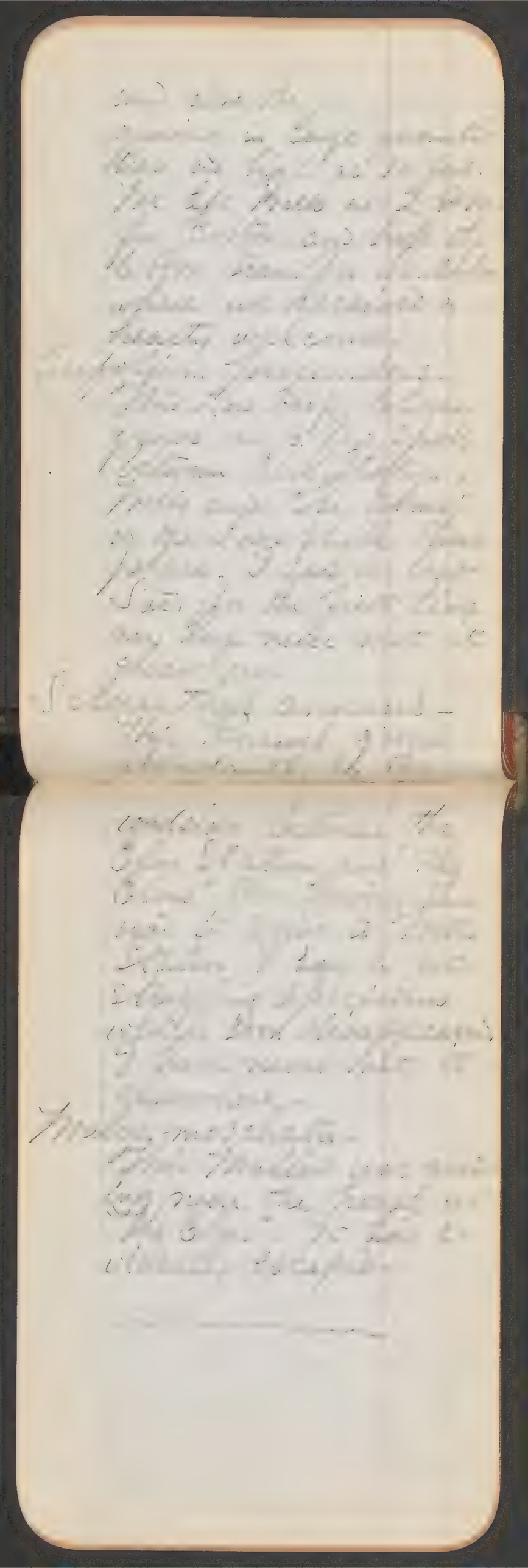
Crispetum nigrum.











Enumeration of
Trees, Shrubs & Herbs
collected & pressed at
Milton. N. H.
during July - 1882 -

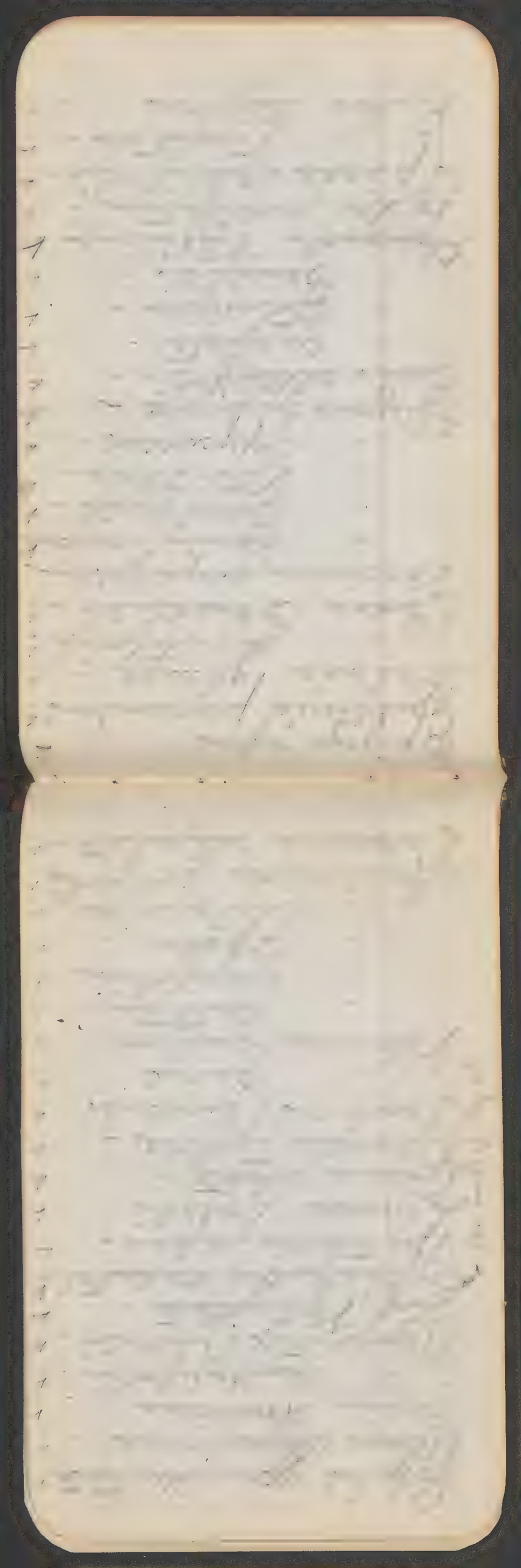
Trees & Shrubs ---- 66 -
Herbs -- - - - - - - 97 -
163.

These include a number
collected on excursions from
Gilead, Gorham & Mt.
Washington -

riparia

cordata Aug 1883.

Thuja occidentalis



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Mass"

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Cincinnati
Ohio"

"Rev. Thos. Moore
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"Prof. Lester F. Ward
1464 R. I. Avenue,
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"Miss Alice J. Reading
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Dr. George Vasey,
Botanist,
Depart. of Agricul.
Washington,
D. C.

B. Rickman Mann,
Assist Entomologist.
U.S. Dept. Agriculture.
Washington, D. C.

Josh R. Churchill
82 Devonshire St.,
Boston -
Home (Dorchester).

Margie C. Coolidge
& I first went to
Philbrook Farm,
Shelburne N.H.
July 10, 1880

Margie & her family
first went to Philbrook Farm
Shelburne, N.H. in 1864.

I first went to the Win-
throp House, Shelburne,
N.H. on the right side of
the river with my mother &
a few others. I was a lad.
This was my first visit to Shelburne
The cellar is still there

W. Deane.
Sept. 2, 1929.

WD (7)